



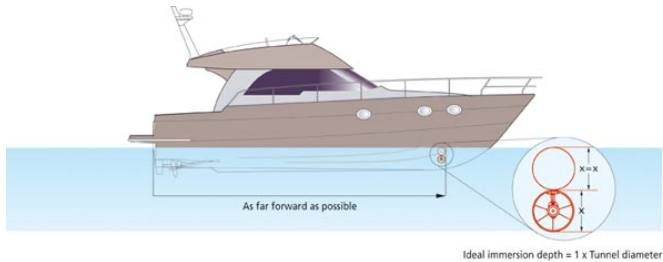
# TOTAL MARINE SOLUTIONS

## Selecting the Right Thruster...



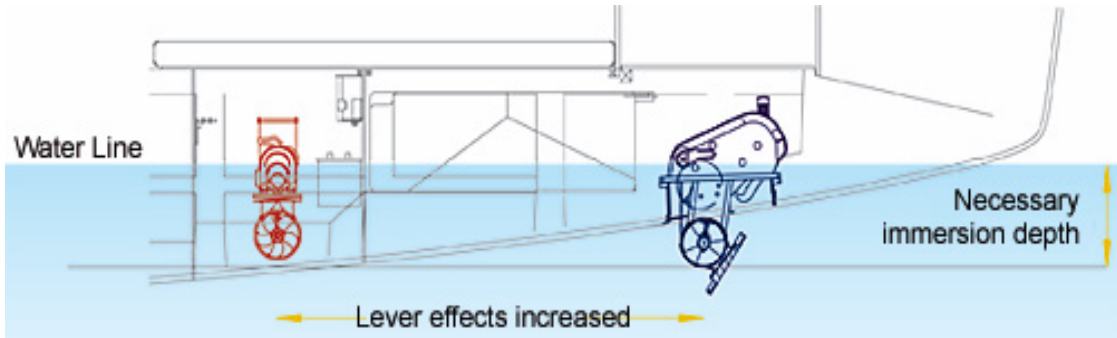
### TUNNEL THRUSTERS

Positioning thrusters is often as important as choosing the right thrust output when seeking a suitable thruster for your yacht. The thruster's turbine needs to be placed one full propeller diameter under the water line to achieve optimal thrust. The thruster must also be positioned as far forward in the bow or as far back in the stern as possible. A thruster stepped back from the bow (or stern) would need to be more powerful than one mounted further forward (or aft), to achieve the same turning effect on the yacht. With this in mind, tunnel thrusters offer an ideal solution for motor yachts and even deep-footed sailing yachts when sailing performance is not paramount.



### RETRACTABLE THRUSTERS

Retractable thrusters are easily installed far forward in the bow whilst still achieving the required immersion depths. This results in a thruster that has a good turning effect on the yacht, often allowing a unit with a lower thrust rating than its tunnel equivalent to be used with excellent results. When retracted, these units have no effect on the yacht's drag and do not reduce sailing performance in light winds. Most modern sailing yachts are better suited to retractable thrusters.



✉ A R Peachment Ltd  
Riverside Estate  
Brundall  
Norwich  
NR13 5PL

📧 info@peachment.co.uk  
🌐 www.peachment.co.uk  
☎ +44 (0) 1603 714077  
📠 +44 (0) 1603 712211





# TOTAL MARINE SOLUTIONS

## Selecting the Right Thruster ( Cont ' d )...



### BOW THRUSTERS & STERN THRUSTERS

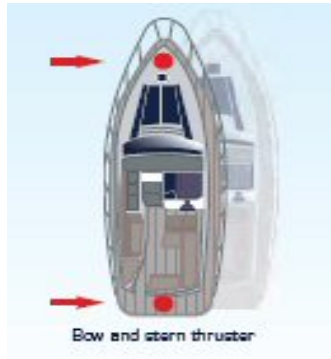
The combined use of a bow and stern thruster adds a greater level of control when manoeuvring in difficult conditions or tight corners. Turning on the spot or even stepping the entire yacht sideways becomes possible. Max Power offers stern thruster adapters for the entire tunnel thruster range. A range of Ignition Protected thrusters is also available enabling the use of a stern thruster in habitually damp zones.



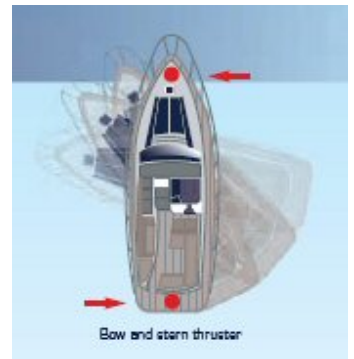
Bow thruster alone



Stern thruster alone



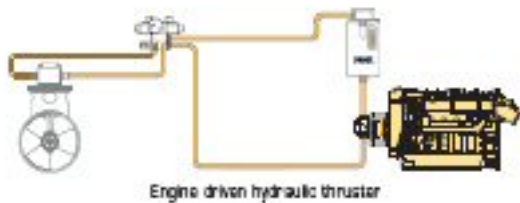
Bow and stern thruster



Bow and stern thruster

### ELECTRIC OR HYDRAULIC POWER SOURCE

Bow and stern thrusters whether retractable or tunnel require a power source. On a yacht this can be either a 12/24 DC electric motor or a hydraulic motor. The hydraulic motor will need to draw power from a thermal engine (via a hydraulic pump) or a remote mounted DC motor (also via a hydraulic pump). The DC motor will draw power directly from a battery bank as do direct electric thrusters.



Engine driven hydraulic thruster



DC Electric thruster

✉ A R Peachment Ltd  
Riverside Estate  
Brundall  
Norwich  
NR13 5PL

📁 info@peachment.co.uk  
🌐 www.peachment.co.uk  
☎ +44 (0) 1603 714077  
📠 +44 (0) 1603 712211

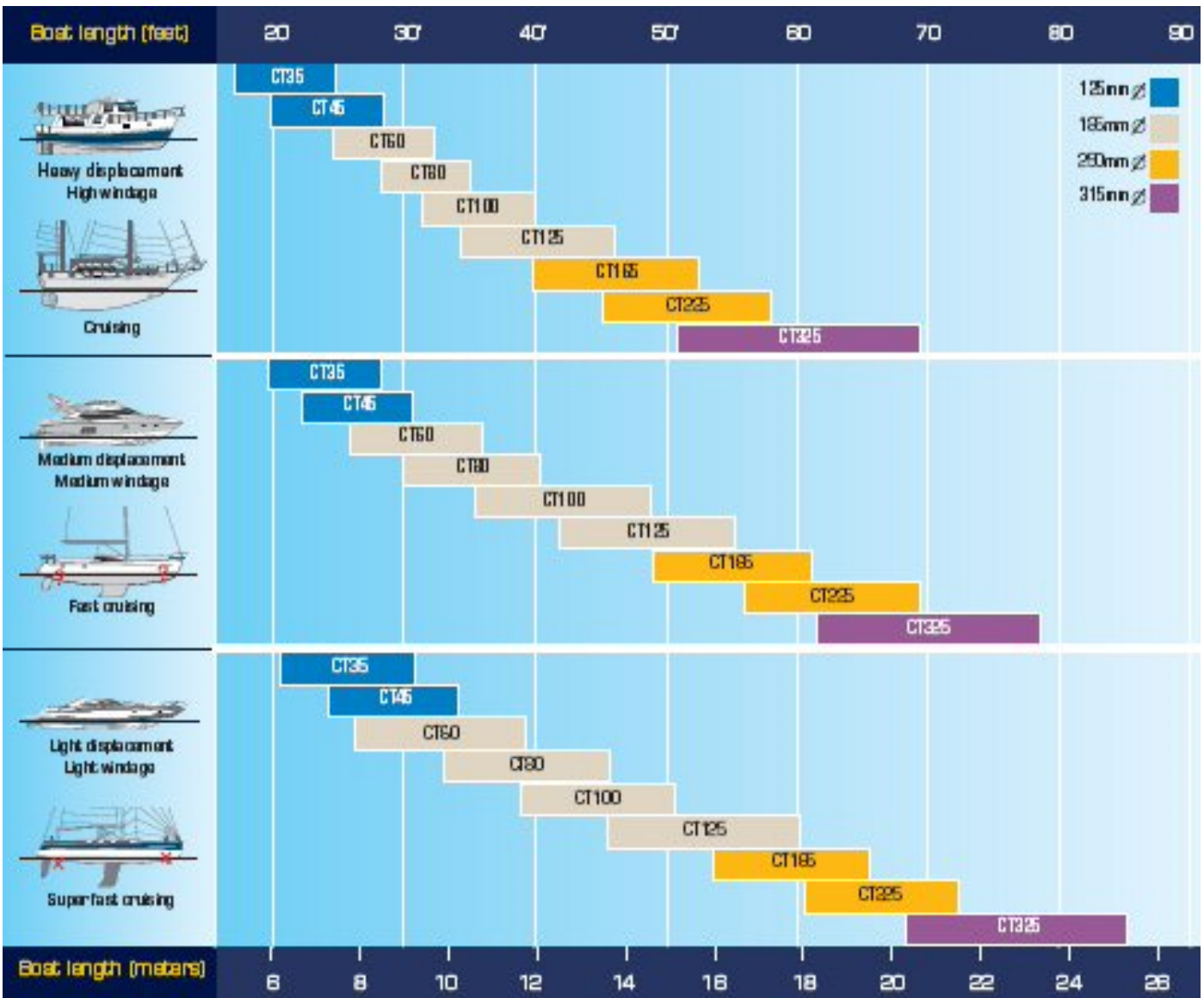


# A R PEACHMENT



## TOTAL MARINE SOLUTIONS

Selecting the Right Thruster ( Cont ' d )... Tunnel Thrusters



✉ A R Peachment Ltd  
 Riverside Estate  
 Brundall  
 Norwich  
 NR13 5PL

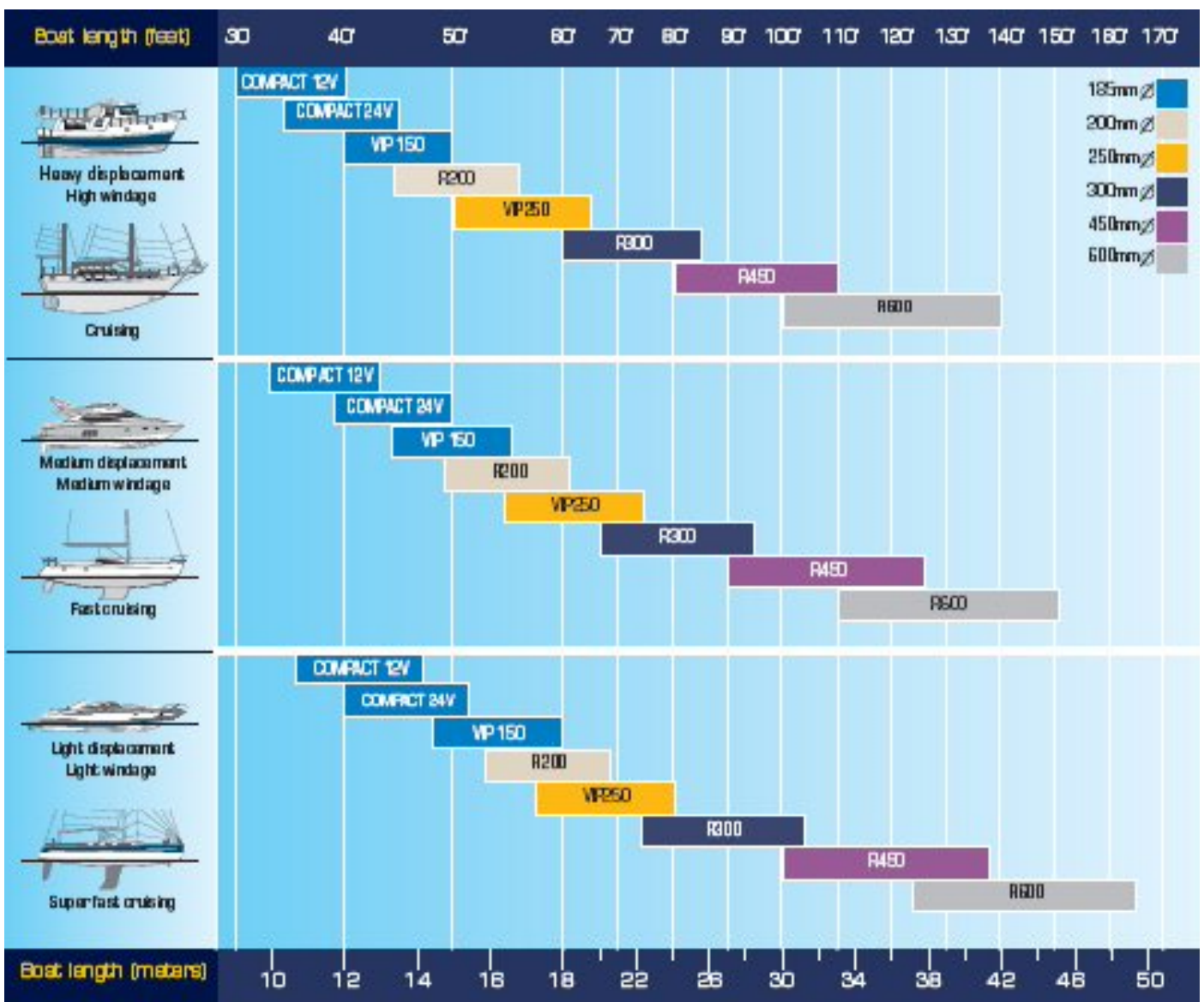
📧 info@peachment.co.uk  
 🌐 www.peachment.co.uk  
 ☎ +44 (0) 1603 714077  
 📠 +44 (0) 1603 712211





# TOTAL MARINE SOLUTIONS

Selecting the Right Thruster ( Cont ' d )... Retractable Thrusters



✉ A R Peachment Ltd  
 Riverside Estate  
 Brundall  
 Norwich  
 NR13 5PL

📧 info@peachment.co.uk  
 🌐 www.peachment.co.uk  
 ☎ +44 (0) 1603 714077  
 📠 +44 (0) 1603 712211



# A R PEACHMENT



## TOTAL MARINE SOLUTIONS

Selecting the Right Thruster ( Cont ' d )...

**MAX**  
POWER

### Electric Tunnel Thrusters

**MAX POWER** offers a complete range of 12/24v composite electric tunnel thrusters to suit motor yachts and deep footed sailing yachts from 17-85. Designed for performance and durability, each model is easy to fit, highly cost effective, and integrates a variety of unique features.

- Patented composite drive legs
- Zero maintenance
- Case hardened spiro-conical gears
- Line shields
- Purpose built DC motors
- Electronic control boxes for unrivaled safety features
- Safe, high power connections
- Purpose built high specification DC contactors



Corrosion free composite drive legs eliminate the need for anodes and offer high manufacturing tolerances.



Drive legs are pre-filled with oil and then sealed for life for zero maintenance



Case hardened spiro-conical gears guarantee a silent, smooth operation, and a long lifespan.



Line shields protect oil seals from fishing lines and fouling.



High efficiency, purpose built DC motors ensure outstanding and long run-time ratings.



Electronic control boxes offer unique & unrivaled safety features



Purpose built high specification DC contactors are both safe and durable.



Solid copper contact bars guarantee safe, high power connections



A R Peachment Ltd  
Riverside Estate  
Brundall  
Norwich  
NR13 5PL



info@peachment.co.uk



www.peachment.co.uk



+44 (0) 1603 714077



+44 (0) 1603 712211

**nannidiesel**  
energy in blue

# A R PEACHMENT



## TOTAL MARINE SOLUTIONS

Selecting the Right Thruster ( Cont ' d )...

**MAX**  
POWER

### Ignition Protected Thrusters

**MAX POWER** 's range of Ignition Protected Tunnel Thrusters is available for models CT35 or CT125. Certified ISO 8846, this range allows the safe use of an electric tunnel thruster in petrol/gas engine vessels where there may be potentially flammable gases. IP thrusters can also be installed in habitually wet or damp areas such as sail lockers, or in the transom of deep "V" shaped motor yachts.

- Ignition Protected to ISO 8846 and water resistant
- Easy to connect thruster
- Patented composite drive leg
- Zero maintenance
- Case hardened spiro-conical gears
- Line Shields
- Purpose built DC motors
- Electronic control boxes for unrivaled safety features
- Safe, high power connections
- Purpose built high specification DC contactors



Ignition Protected and water resistant



Easy to connect thruster  
Robust metallic frame.



Unique composite drive leg design



High specification electric motors

✉ A R Peachment Ltd  
Riverside Estate  
Brundall  
Norwich  
NR13 5PL

📁 info@peachment.co.uk  
🌐 www.peachment.co.uk  
☎ +44 (0) 1603 714077  
📠 +44 (0) 1603 712211

**nannidiesel**  
energy in blue



# TOTAL MARINE SOLUTIONS

Selecting the Right Thruster ( Cont ' d )...



## Hydraulic Tunnel Thrusters

**MAX POWER**'s range of Hydraulic Tunnel Thrusters are suitable for medium to heavy displacement, high windage vessels from 40-85. Designed for durability and performance, hydraulic tunnel thrusters are ideal when long runtimes are required. Manufactured using corrosion free components, these models are robust, water resistant and integrate a variety of unique features.

- Branded hydraulic components
- Long runtimes
- Water resistant
- Patented composite drive legs
- Zero maintenance
- Case hardened spiro-conical gears
- Line Shields
- Electronic control boxes for unrivalled safety features



Branded hydraulic components for international serviceability



Can be installed in habitually damp area such as sail lockers



Unique composite drive leg design.



Electronic control boxes offer unique and unrivalled safety features.

✉ A R Peachment Ltd  
Riverside Estate  
Brundall  
Norwich  
NR13 5PL

📁 info@peachment.co.uk  
🌐 www.peachment.co.uk  
☎ +44 (0) 1603 714077  
📠 +44 (0) 1603 712211





# TOTAL MARINE SOLUTIONS

## Selecting the Right Thruster ( Cont ' d )...



### Electric Retractable Thrusters

Combining the cost effective simplicity of DC electrics with the high performance characteristics of retractable units, this range is ideally suited to modern sailing yachts and super fast motor yacht. Max Power offers two different types of electric retractable thrusters: the low profile Compact Retract and the vertically retracting VIP 150 Electric, catering for yachts from 30-60 (Max Power patented designs).

- Retract to leave smooth hull lines
- When deployed ideal immersion depth is achieved
- Patented composite drive legs
- Zero maintenance
- Case hardened spiro-conical gears
- Line Shields
- Purpose built DC motors
- Electronic control boxes for unrivaled safety features
- Safe, high power connections
- Purpose built high specification DC contactors



When retracted hull lines are left smooth and unaffected.



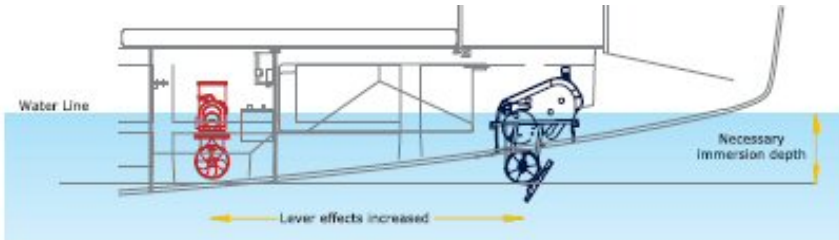
When deployed ideal immersion depth is achieved.



Unique composite drive leg design.



High specification electric motors.



Installed further forward (or aft) in the hull than is possible with a tunnel thruster, retractable units offer a far better turning moment on the yacht thus producing greater manoeuvrability.

✉ A R Peachment Ltd  
 Riverside Estate  
 Brundall  
 Norwich  
 NR13 5PL

📁 info@peachment.co.uk  
 🌐 www.peachment.co.uk  
 ☎ +44 (0) 1603 714077  
 📠 +44 (0) 1603 712211







# TOTAL MARINE SOLUTIONS

## Selecting the Right Thruster ( Cont ' d )...



## Hydraulic Retractable Thrusters

When performance is paramount, hydraulic retractable thrusters provide a perfect solution. Lightweight, powerful and allowing near perfect weight distribution, designers and prestigious yards have consistently specified Max Power thrusters over the years. Max Power offers two product ranges in this family: the vertically retracting VIP HYD range and the top end Retract™ folding series.

- Retract to leave smooth hull lines
- When deployed ideal immersion depth is achieved
- Water resistant
- Allow ideal weight distribution
- Ideal for high performance yachts
- Unique patented thrust plate design (VIP)
- Unique patented folding movement (Retract™)
- Case hardened spiro-conical gears
- Lightweight design



When retracted hull lines are left smooth and unaffected.



When deployed ideal immersion depth is achieved.



Can be installed in habitually damp areas such as sail lockers



Allow ideal weight distribution in high performance yachts.

✉ A R Peachment Ltd  
Riverside Estate  
Brundall  
Norwich  
NR13 5PL

📁 info@peachment.co.uk  
🌐 www.peachment.co.uk  
☎ +44 (0) 1603 714077  
📠 +44 (0) 1603 712211

